

17. A non-transitory computer-readable medium having instructions stored thereon that, when executed by a computer processing device of a server, cause the computer processing device to:

send, by the server to each of a plurality of client devices, initializing information at a start of a task in a client application running on each of the plurality of client devices;

receive, by the server, an input message from one of the plurality of client devices, wherein the input message is generated from an interaction with the task in the client application;

generate, by the computer processing device of the server, updated information for the task in the client application based on the received input message; and

send, by the server, the updated information to each of the plurality of client devices while the task in the client application is running to maintain synchronism between the server and the plurality of client devices for the task.

18. The non-transitory computer-readable medium of claim **17**, the computer processing device further to:

store the updated information in a data store with other updated information corresponding to the client application; and

provide for display a replay of actions performed by the client application by executing instructions stored in the updated information.

19. The non-transitory computer-readable medium of claim **18**, the computer processing device further to:

analyze the stored updated information to determine a client application feature of interest; and

provide a recommendation comprising the feature of interest to a client device for display.

20. The non-transitory computer-readable medium of claim **17**, wherein a connection between the one of the plurality of client devices and the server is interrupted for a period of time, the computer processing device further to:

continue execution of the client application on the plurality of client devices during the period of time; and

send, following a reconnection between the one of the plurality of client devices and the server, a message comprising setup data, a current frame number of the server, and a list of tasks that have been processed by the server.

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